PTO/SB/05 (01-04)
Approved for use through 07/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	
First Inventor	Robert Netherlan Brown Ji
Title	Robert Netherton Brown, J. Aderice for controlling multi- stage Arrhags
Express Mail Label No.	orage part sugs

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 OAlexandria VA 22313-1450					
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 5] [Operated arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))					
5. Oath or Declaration [Total Sheets] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	10. 37 CFR 3.73(b) Statement Power of Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:					
18. If a CONTINUING APPLICATION, check appropriate box, and sup	nly the requisite information below and in the first sentence of the					
specification following the title, or in an Application Data Sheet under 3						
Continuation Divisional Continua	tion-in-part (CIP) of prior application No.:					
Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPON	DENCE ADDRESS					
Customer Number:	OR Correspondence address below					
Name Robert Netherton Brown	.Tr.					
Address 7301 Brookside Drive)					
City Frederick	State WD Zip Code 21702					
Country USA To	elephone 30/4737900 Fax 30/473482					
Name (Print/Type) Robert Notherton Brown, Tr.	Registration No. (Attorney/Agent)					
Signature	Date					

This collection of infomation is required by 37 CFR 1.53(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27 **TOTAL AMOUNT OF PAYMENT** (\$)

Complete if Known					
Application Number					
Filing Date					
First Named Inventor	Robert Notherton Brown J				
Examiner Name					
Art Unit					
Attorney Docket No.					

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)							
Check Credit card Money Other None			3. ADDITIONAL FEES							
		Ord	ler L.		Large Entity J Small Entity					
Deposit A	Account:		· · · · · · · · · · · · · · · · · · ·		Fee Code	Fee (\$)		Fee (\$)	Fee Description	Fee Paid_
Account Number					1051	130	2051	• • •	Surcharge - late filing fee or oath	001440
Number Deposit Account		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet				
Name		Ana (nhank nil	that arekd		1053	130	1053	130	Non-English specification	
The Director is		` —		vernavments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s)			1804	920°	1804	920*	Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
to the above-to-			TION		1251	110	2251	55	Extension for reply within first month	
4 BAGIO EI		CALCULA	TION		1252	420	2252	210	Extension for reply within second month	
1. BASIC FI					1253	950	2253	475	Extension for reply within third month	
Fee Fee F	Fee Fee	Fee Descri	ption	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
	Code (\$) 2001 385	1 14:14. 4:15	a foo		1255	2.010	2255	1.005	Extension for reply within fifth month	
	2001 365	Utility filin Design fil	_	385.4	1401	330	2401	165	Notice of Appeal	
1003 530	2003 265	Plant filin	g fee		1402	330	2402	165	Filing a brief in support of an appeal	
1004 770	2004 385	Reissue f	iling fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provision	al filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385,00		1452	110	2452		Petition to revive - unavoidable				
2. EXTRA C	LAIM FE	ES FOR U	TILITY AND	REISSUE	1	1,330	2453		Petition to revive - unintentional	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Fee from	m		1,330	2501		Utility issue fee (or reissue)	
Total Claims			480	2502		Design issue fee				
		1503	640	2503		Plant issue fee				
		1460	130	1460		Petitions to the Commissioner				
Large Entity Small Entity		1807	50	180		Processing fee under 37 CFR 1.17(q)				
Fee Fee	Fee Fee	Fee D	escription		1806	180	180		Submission of Information Disclosure Stmt Recording each patent assignment per	
Code (\$) 1202 18	Code (\$) 2202		n excess of 20		8021	40	802	1 40	property (times number of properties)	
1202 18 1201 86		_	dent claims in e	excess of 3	1809	770	280	9 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290		'.	dependent dai	•	1810	770	2810	0 385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent daims over original patent		1801	770	2801	385	' ' '				
1205 18	2205	9 ** Reiss	ue daims in ex ver original pate		1802		1802		Request for expedited examination of a design application	
<u> </u>			Other fee (specify)							
**or number		UBTOTAL (2	2) [(\$) ; For Reissues,	ounda aaz	*Red	uced by	Basic	Filing F	ee Paid SUBTOTAL (3) (\$)	
Si Humber	proviously p	www, ir groater	, , ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,						

SUBMITTED BY	UBMITTED BY (Complete (if applicable))						
Name (Print/Type)	Robert Netherton Brown Jr Registration No. (Attorney/Agent)	Telephone	3014737960				
Signature		Date					

WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.